



Whether you're looking into renewable energy for the first time, or have previous experience, there's a lot we can do for you. Contract with us for technical assistance and objective advice with your project from beginning to end, including:

- Economic analysis
- On-site renewable energy resource assessment
- Load analysis
- Technical/system recommendations
- Proposal evaluation
- Design and review
- Installation and monitoring assistance
- Objective performance evaluations
- Follow-up
- Training support



Sandia offers an extensive collection of literature on all forms of renewable energy. For a list of publications, contact:

Anne Van Arsdall 505-845-8221
email: avanars@sandia.gov

Visit Sandia on the web:
http://www.sandia.gov/Renewable_Energy



Plug Into Our Energy

The Renewable Energy Office at Sandia offers a number of ways to contract for our services. Start by contacting any of these experts:

Paul Klimas 505-844-8159
email: pcklima@sandia.gov

Dave Menicucci 505-844-8077
email: dfmenic@sandia.gov

Chris Cameron 505-844-8161
email: cpcamer@sandia.gov

Roger Hill 505-844-6111
email: rrhill@sandia.gov

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Sandia National Laboratories is a multiprogram laboratory operated for the U.S. Department of Energy.



Sandia
National
Laboratories

Renewable Energy. It's not new to us.

Sandia National Laboratories Renewable Energy Office Technical Assistance Team

- Experienced
- Objective
- Practical

For over 20 years we've been a leading source for expert assistance and advice in renewable energy.

- Solar thermal
- Photovoltaic
- Geothermal
- Wind
- Biomass
- Batteries

The Technical Assistance Team will help you use renewable energy for a range of projects from modest to magnificent.

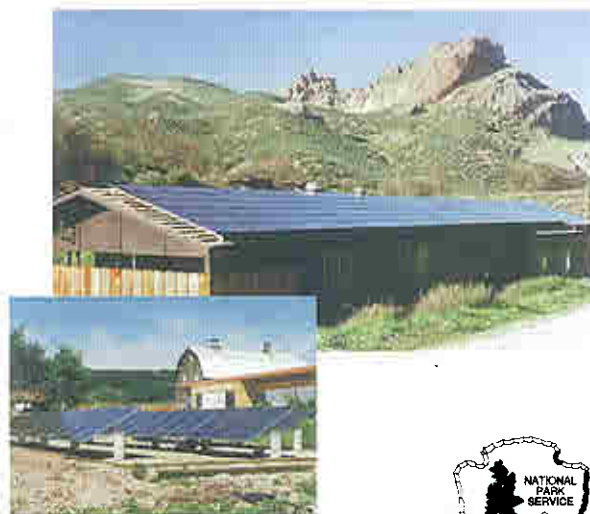
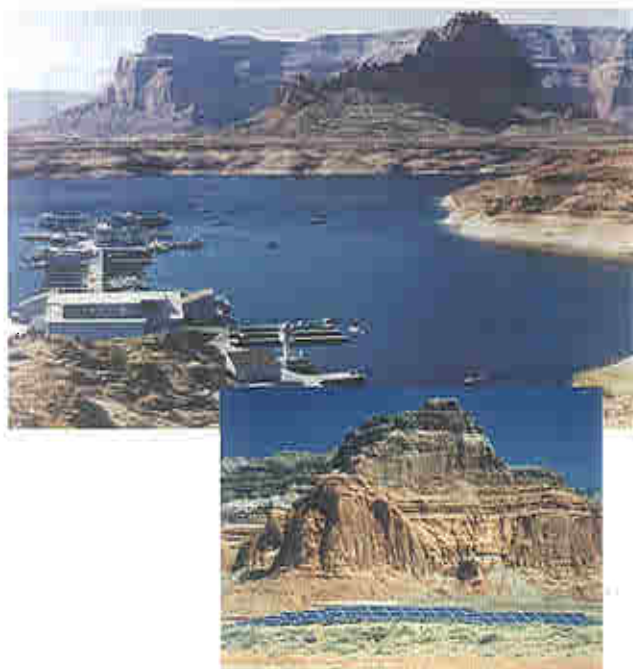
We've worked on projects like a single cattle watering tank out on the range, to a vast solar thermal electrical generator tied into a major utility.



For decades, many organizations have counted on Sandia for knowledgeable evaluations, expert technical assistance, and practical recommendations.

"Pertinent information on solar energy technologies is not always accessible to those who might benefit from it or need it. The Dangling Rope Project team found Sandia's technical expertise and practical experience to be invaluable. From project planning through system testing and monitoring, Sandia's versatility made them a key partner."

**Jeff Burks, Director
Office of Energy & Resource Planning
Utah Department of Natural Resources**



"We would like to acknowledge the support of Sandia in providing the National Park Service with technical assistance. In collaboration with them we have identified over 600 projects where PV can cost-effectively meet our energy needs. They have been extremely valuable to many park staffs in providing education on PV technology. We hope this partnership will continue as we enter the first phase of implementing these projects."

**John Reynolds
Deputy Director
U.S. Department of the Interior
National Park Service**

"I have been very pleased with the excellent quality of work provided by Sandia National Laboratories to Fort Huachuca, Arizona. For the past three and a half years they have provided various services including economic and technical studies on parabolic trough solar systems, troubleshooting of a 5 kilowatt grid-connected PV system, analysis and permanent metering of older solar pool heating and solar domestic hot water systems, design assistance for new solar domestic hot water systems for a barracks, two residential systems and a relocated system, installation of a prototype dish-Stirling solar thermal electric generator, and long term monitoring. I plan on doing future business with Sandia and highly recommend them to anyone needing assistance in renewable energy."

**William J. (Bill) Stein
Energy Coordinator
U.S. Army Intelligence Center
and Fort Huachuca**



Fort Huachuca received 1st Place in FY95 for active Army installations at the Secretary of the Army Energy Conservation Award Ceremony.



"Sandia provided valuable assistance in the critical review of two Corps of Engineers documents, the Generic Solar Study and the Guide Specification for Solar Domestic Hot Water Systems. Their experience and objectivity provided us with valuable information for updating these documents, which are used throughout the Corps of Engineers."

**Anthony W. Battaglia
Mechanical/Energy Systems TCX
U.S. Army Engineer District
Mobile, AL**

